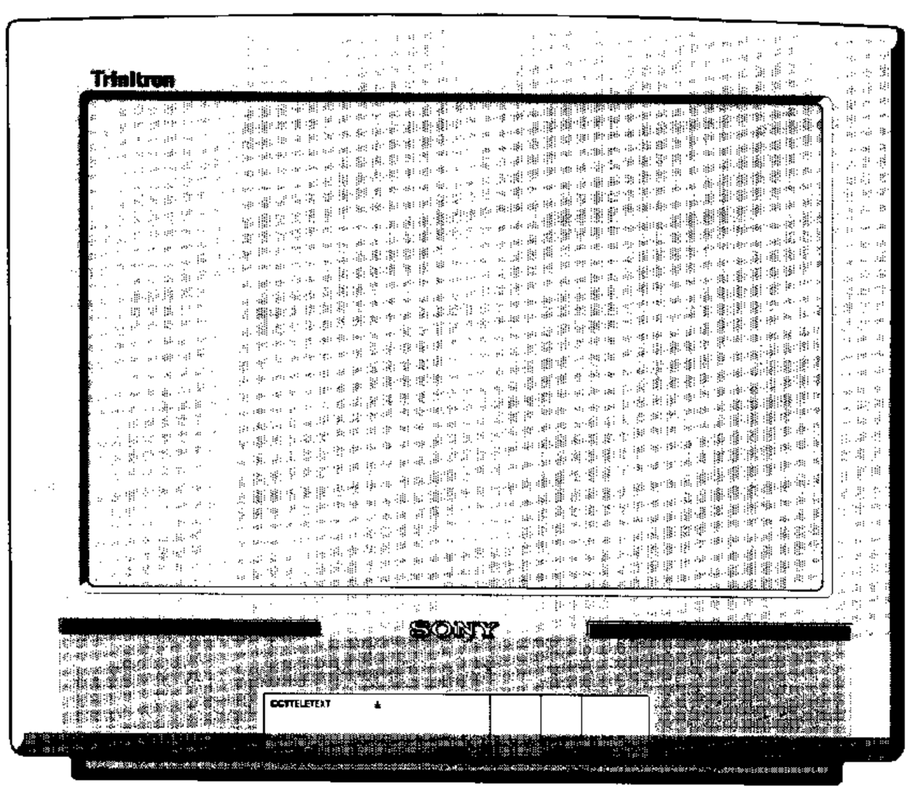
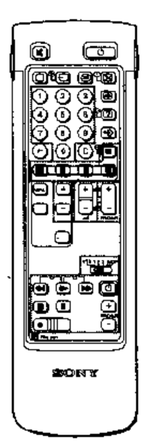
MODEL	COMMANDER	DEST.	CHASSIS NO.
KV-25M1A	RM-837	Italian	SCC-G81U-A
KV-25T1A	RM-837	Italian	SCC-G81T-A
KV-25T1B	RM-837	French	SCC-G85T-A
KV-25M1D	RM-837	AEP	SCC-G77V-A
KV-25T1D	RM-837	AEP	SCC-G77U-A
KV-25M1E	RM-837	Spanish	SCC-G82V-A

MODEL	COMMANDER	DEST.	CHASSIS NO.
KV-25T1E	RM-837	Spanish	SCC-G82U-A
KV-25M1K	RM-837	OIRT	SCC-G86U-A
KV-25T1K	RM-837	OIRT	SCC-G86T-A
KV-25T1L	RM-837	Irish	SCC-G83E-A
KV-25T1R	RM-837	OIRT	SCC-G86V-A
KV-25T1U	RM-837	UK	SCC-G87M-A





TRINITRON® COLOR TV

SONY®

ITEM MODEL	Television System	Channel Coverage	Colour System
Italian	B/G/H	VHF: E2-E12, S1-S20, A-H, H1,H2 UHF: E21-E69	PAL, SECAM NTSC3.58/4.43 (video input only)
French	B/G/H, L, I	L SECAM VHF: F2-F10 UHF: F21-F69 TV CABLE TV (1) VHF: B-Q UHF: S21-S44 PAL B/G/H VHF: E2-E12 UHF: E21-E69 CABLE TV (1) : S1-S41 CABLE TV (2) : S01-S05, M1-M10, U1-U10 ITALIA VHF: A-H, H1, H2 PAL I UHF: B21-B69	PAL, SECAM NTSC3.58/4.43 (video input only)
AEP	B/G/H, D/K	B/G/H VHF: E2-E12 UHF: S1-S20 CABLE TV (1) : S1-S41 CABLE TV (2) : S01-S05, M1-M10, U1-U10 ITALIA VHF: A-H, H1, H2 D/K VHF: R01-R20 UHF: B21-B69	PAL, SECAM NTSC3.58/4.43 (video input only)
Spanish	B/G/H	PAL B/G/H VHF: E2-E12 UHF: E21-E69 CABLE TV (1) : S1-S41 CABLE TV (2) : S01-S05, M1-M10, U1-U10 ITALIA VHF: A-H, H1, H2	PAL NTSC3.58/4.43 (video input only)
OIRT	B/G/H, D/K	B/G/H VHF: E2-E12 UHF: E21-E69 CABLE TV (1) : S1-S41 CABLE TV (2) : S01-S05, M1-M10, U1-U10 ITALIA VHF: A-H, H1, H2 D/K VHF: R01-R12 UHF: R21-R69	PAL, SECAM NTSC3.58/4.43 (video input only)
Irish UK	I	25T1L UHF: B21-B69 25T1U VHF: A-C, D-J UHF: B21-B69 Cable Channels S1-S20 Hyper band S21-S41	PAL NTSC3.58/4.43 (video input only)

MODEL	25M1A	25T1A	25T1B	25M1D	25T1D	25M1E	25T1E	25M1K	25T1K/25T1R	25T1L/25T1U
Power Consumption	95W	97W	97W	95W	97W	95W	97W	95W	95W	95W

SPECIFICATIONS

Picture Tube — Super Trinitron
Approx. 63 cm (25 inches)
(Approx. 59 cm picture measured diagonally)
110° -deflection

Rear/Front Terminals

[REAR]

21-pin Euro connector (CENELEC standard)
- Input for audio and video signals
- Input for RGB
- Outputs of TV video and audio signals

[FRONT]

2 Video input - phono jack
2 Audio inputs - phono jacks
Headphone jack : stereo minijack

Sound output — 10W (music power)
5W (RMS)
Dimensions — Approx. 604x549x508 mm
Weight — Approx. 31 kg
Supplied accessories — Remote Commander RM-837 (1)
Battery R6 (1)

Other features
Teletext (KV-25M1A/25T1B/25M1D/25T1D/25T1K)
Top-Text/Fastext (KV-25T1A/25T1B/25M1D/25T1D/25T1E/ 25T1K/25T1R)
Fastext (KV-25T1L/25T1U)

[RM-837]

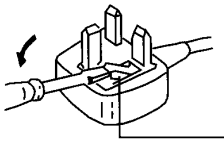
Remote control system — infrared control
Power requirements — 1.5V ds
1 battery IEC designation R6 (size AA)
Dimensions — Approx. 65x225x21mm (w/h/d)
Weight — Approx. 157g (Not including battery)

Design and specifications are subject to change without notice.

Item \ Model name	KV-25M1A KV-25T1A	KV-25T1B	KV-25M1D KV-25T1D	KV-25M1E KV-25T1E	KV-25M1K KV-25T1K KV-25T1R	KV-25T1L KV-25T1U
Pal Comb	OFF	OFF	OFF	OFF	OFF	OFF
PIP	OFF	OFF	OFF	OFF	OFF	OFF
Scart 1	ON	ON	ON	ON	ON	ON
Scart 2	OFF	OFF	OFF	OFF	OFF	OFF
Front in (3)	ON	ON	ON	ON	ON	ON
Scart 4	OFF	OFF	OFF	OFF	OFF	OFF
AKB in 16:9 mode	ON	ON	ON	ON	ON	ON
Norm B/G/H	ON	ON	ON	ON	ON	OFF
Norm I	OFF	ON	OFF	OFF	OFF	ON
Norm D/K	OFF	OFF	ON	OFF	ON	OFF
Norm AUS	OFF	OFF	OFF	OFF	OFF	OFF
Norm L	OFF	ON	OFF	OFF	OFF	OFF
Norm SAT	OFF	OFF	OFF	OFF	OFF	OFF
Norm M	OFF	OFF	OFF	OFF	OFF	OFF
Language Preset	Italian	French	German	Spanish	OIRT	English

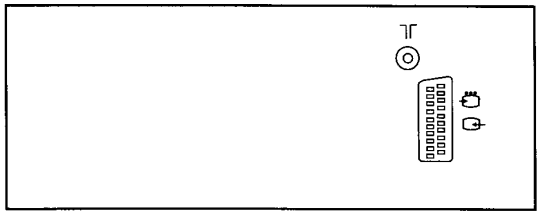
WARNING (KV-25T1L/25T1U only)

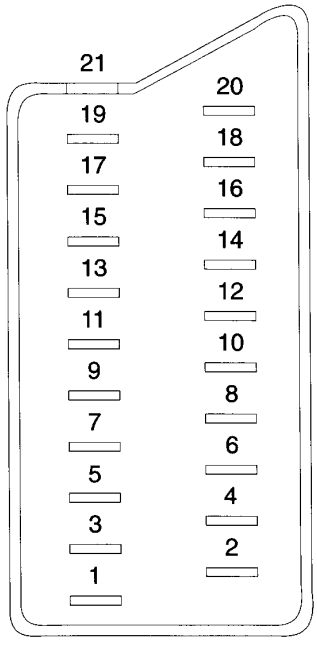
The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **5 AMP** capacity. Should the fuse need to be replaced, use a **5 AMP FUSE** approved by **ASTA** to **BS 1362**, ie one that carries the ASTA mark.
IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR YOUR SOCKET OUTLETS IN YOUR HOME.
IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED.
THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET OUTLET.
When an alternative type of plug is used it should be fitted with a **5 AMP FUSE**, otherwise the circuit should be protected by a **5 AMP FUSE** at the distribution board.



How to replace the fuse.
Open the fuse compartment with the screwdriver blade and replace the fuse.

21 pin connector (1, 2 , 2)

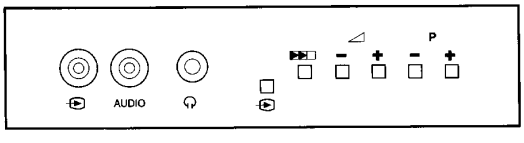




Pin No.	1	2	4	Signal	Signal Level
1	○	○	○	Audio output B (Right)	Standard level : 0.5V rms Output impedance : Less than 1k ohms*
2	○	○	○	Audio input B (Right)	Standard level : 0.5V rms Output impedance : More than 10k ohms*
3	○	○	○	Audio output A (Left)	Standard level : 0.5V rms Output impedance : Less than 1k ohm*
4	○	○	○	Ground (Audio)	
5	○	○	○	Ground (Blue)	
6	○	○	○	Audio input A (Left)	Standard level : 0.5V rms Output impedance : Less than 10k ohm*
7	○	●	●	Blue input	0.7 ± 3dB, 75 ohms, positive
8	○	○	○	Function select (AV control)	High state (9.5 - 12V) : Part mode Low state (0 - 2V) : TV mode Input impedance : More10k ohms Input capacitance : Less than 2nF
9	○	○	○	Ground (Green)	
10	○	○	○	Open	
11	○	●	●	Green	
12	○	○	○	Open	
13	○	○	○	Ground (Red)	
14	○	○	○	Ground (Blanking)	
15	○	—	—	Red input	0.7 ± 3dB, 75 ohms, positive
	—	○	○	(S signal) croma input	0.7 ± 3dB, 75 ohms, positive
16	○	●	●	Blanking input (Ys signal)	High state (1 - 3V) Low state (0 - 0.4V) Input impedance : 75 ohms
17	○	○	○	Ground (Video output)	
18	○	○	○	Ground (Video input)	
19	○	○	○	Video output	1V ± 3dB, 75ohms, positive sync : 0.3V (-3 + 10dB)
20	○	—	—	Video input	1V ± 3dB, 75ohms, positive sync : 0.3V (-3 + 10dB)
	—	○	○	Video input Y (S signal)	1V ± 3dB, 75ohms, positive sync : 0.3V (-3 + 10dB)
21	○	○	○	Common ground (plug, sheild)	

○ Connected ● Not Connected (Open) * at 20Hz - 20kHz

Pin No.	Signal	Signal Level
1	Ground	
2	Ground	
3	Y (S signal) input	1V ± 3dB 75 ohm, positive Sync. 0.3V -3 + 10dB
4	C (S signal) input	0.3V ± 3dB 75ohm, positive Sync.



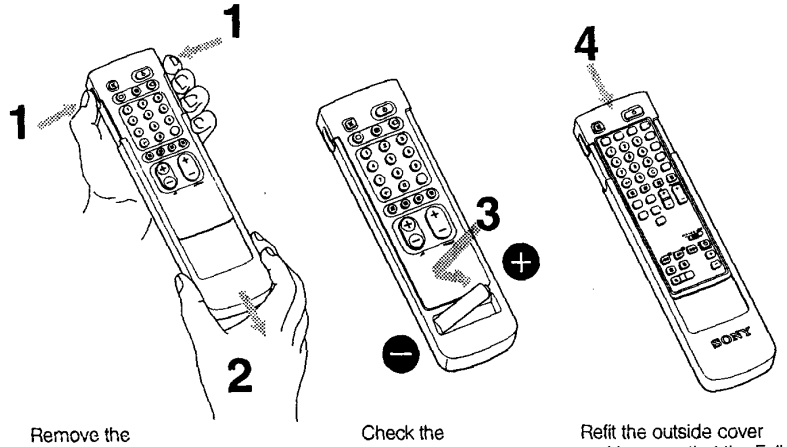
SECTION 1 GENERAL

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

Getting Started

Please open the flap at the front and at the back of de Instruction Manual for illustrations of the TV set and the Remote Commander. Letters in boxes refer to the buttons on the TV set, numbers in circles to the buttons on the Remote Commander.

Inserting the Battery Into the Remote Commander



Remove the cover.

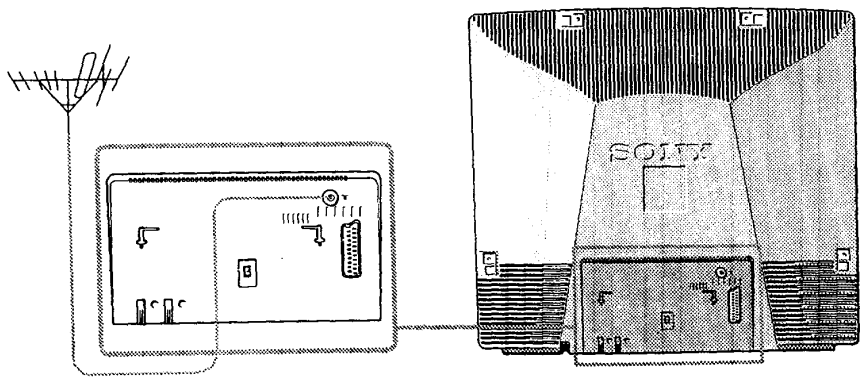
Check the correct polarity.

Refit the outside cover making sure that the Full Function side is visible.

About Battery Life
Under normal operation, a battery will last up to half a year. Always remember to dispose of used batteries in an environmetal friendly way.

Connecting the Aerial

Connect the aerial to the ⅂ socket at the rear of the TV. (cable not supplied)



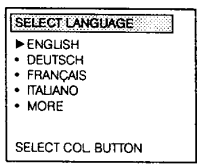
Choosing a Language

(See inside of front cover and back cover)

1 Depress ⏻ A on the TV.
The TV turns on. If the standby indicator B on the TV is lit, press ▢ 3 or any number button 4 on the Remote Commander.

2 Press MENU 7 on the Remote Commander.
The SELECT LANGUAGE screen appears. (MENU)

3 Press one of the colour buttons 17 on the Remote Commander to select a language (Press the white button 17 to display other language alternatives). The SELECT LANGUAGE screen clears and all subsequent menus appear in the chosen language.



Note: From the second time when you turn on the TV, the MENU screen appears instead of the SELECT LANGUAGE screen. Press the green button 17 then press the white button 17 to redisplay the SELECT LANGUAGE screen.

Tuning in to Channels

You can tune in up to 60 channels to programme positions either automatically or manually.

auto tuning: A single button press allows all receivable channels to be tuned. Use if you are unfamiliar with the channel numbers of stations.

manual tuning: Use if you are familiar with the channel numbers of stations.

Choose the more appropriate way for you.

Tuning in to Channels Automatically

There are two possibilities for auto tuning;

A. On the TV: hold down ⏭ E on the front of the TV for 2 seconds
or

B. On the Remote Commander: as follows

1 Press MENU 7.

2 Press the yellow button 17.

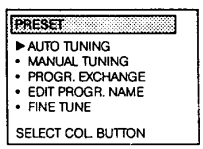
3 Hold down the red button 17 for 2 seconds,

Note: Press the green button 17 to cancel.

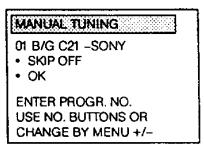
Tuning in to Channels Manually

1 Press MENU 7.
The MENU screen appears. (MENU)

2 Press the yellow button 17 to select PRESET.
The PRESET screen appears.



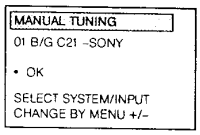
3 Press the green button 17 to select MANUAL TUNING
The MANUAL TUNING screen appears.



4 Press the number buttons ❹ or MENU +/– ❾ to select a programme position.
If you use the number buttons ❹, enter a double-digit number. (e.g. for programme number 4, first press 0, then 4)

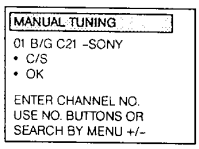
5 Press the green button ⓱.

Note: Use MENU +/– ❾ to select TV system.
You can alternatively select input sources which may be assigned to programme positions.
The display changes as follows:
B/G ➡ D/K ➡ AV1 ➡ RGB ➡ AV2



6 Pess the green button ⓱.

Note: If a video input source is selected in step 5, this is now stored.
Refer to step 4 tc tune other programme positions.



7 If you have selected B/G in step 5, press the red button ⓱ to select C (regular channel) or S (cable channel).

8 Press the number buttons ❹ or MENU+/– ❾ to select the channel number.
If you use the number buttons ❹, enter a double-digit number. (e.g. for channel 23, first press 2, then 3)

9 Press the green button ⓱ to store.

Note: If you want to preset other channels, repeat steps 4 to 9.

10 Press MENU ❼ twice to return to the normal screen.

Note: You can skip unused programme positions when selecting programmes with the PROGR +/– buttons ⓲.
Press the red button ⓱ to skip in step 4. However, the skipped programmes may still be called up when you use the number buttons.

Basic TV Operations

Turning the TV on and off

Turning on
Depress ⏻ **A** on the TV.

Turning off temporarily
Press ⏻ ⓾ on the Remote Commander.
The TV enters standby mode and the standby indicator **B** on the front of the TV lights up.

Turning on again
Press ▢ ❸, PROGR +/– ⓲, or one of the number buttons ❹ on the Remote Commander.

Turning off completely
Depress ⏻ **A** on the TV.
Note: It is recommended to use ⏻ **A** to turn off the TV. This could help you save energy.

Selecting TV Programmes

Press PROGR +/– ⓲ or press the number buttons ❹.

To select a double-digit number
Press -/-- ❺, then the number buttons ❹.

Adjusting the Volume

Press VOL +/– ⓳.

Muting the Sound

Press MUTING ❶
To resume normal sound, press MUTING ❶ again.

Displaying the On-screen Indications

Press DISPLAY ⓮ once to display the on-screen indications.
Press again to make the indications disappear.

Operating the TV Using the Buttons on the TV

With the buttons on the TV, you can adjust or select the functions as follows:
Press VOL +/– **D** to adjust the volume.
Press P +/– **C** to select programme numbers or to turn the TV on from the standby mode.
Press INPUT **F** to select the input source.
Press AUTO PROGRAM **E** to preset channels automatically.

Advanced TV Operations

Operating the Menu System

You can adjust picture, preset channels to programme positions and utilise other convenient features by using the following menu system.

Press:	to:
1 MENU ❼ (MENU)	enter the MENU screen
2 a colour button ⓱ (■)	select an item you want to change (The selected item is marked by a triangle.)
3 MENU +/- ❾ (MENU) (+) (−)	change (or adjust) the contents of the item
4 MENU ❼	return to the MENU screen
5 MENU ❼ again	return to the normal screen
Press MENU ❼ once or twice whenever you want to return to the normal screen.	

Note: When selecting menus, the picture becomes darker. If, however, an item in the PICTURE ADJUSTMENT menu is selected, normal level of TV picture is restored to allow the best adjustment.

Adjusting the Picture

Although picture is adjusted at the factory you can adjust it to suit your own taste.

1 Press MENU ❼.
The MENU screen appears. (MENU)

2 Press the red button ⓱ to select PICTURE.

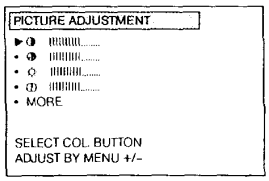
3 Press the respective colour button ⓱ to select an item.

4 Press MENU +/- ❾ to adjust.

5 Press MENU ❼ twice or wait until the menu displays disappear automatically to return to the normal screen.

PICTURE ADJUSTMENT

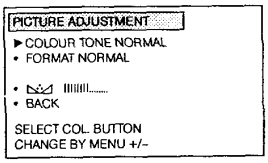
(First Page)



Press colour button	Effect
Red: For Picture ◑	Less —+— More
Green: For Colour ◕	Less —+— More
Yellow: For Brightness ☼	Darker —+— Brighter
Blue: For Sharpness ⓣ	Softer —+— Sharper
White:	Next page of PICTURE ADJUSTMENT

PICTURE ADJUSTMENT

(Second Page)



Press colour button	Effect
Red: For Colour Tone	Normal ⇨Warm (reddish colour tone) ⇨Cool (blueish colour tone)
Green: For Format	Normal: Normal setting 16:9 Wide screen effect
Blue: For Hue control (only for NTSC video signals)	Reddish —+— Greenish
White:	Back to first page of PICTURE ADJUSTMENT

Note: Press →•← ❽ on the Remote Commander to reset to the factory preset levels for picture.

Using Special Features

With your TV you can utilise special features such as Parental Lock or Sleep Timer.

1 **Press MENU ❼.**
The MENU screen appears. (MENU)

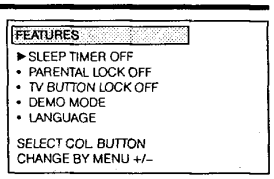
2 **Press the green button ⓱ to select FEATURES.**

3 **Press the respective colour button ⓱ to select an item.**

4 **Press MENU +/– ❾ to change.**

5 **Press MENU ❼ twice or wait until the menu displays disappear automatically to return to the normal screen.**

FEATURES



Press colour button	*Effect*
Red: For Sleep Timer (Automatic switch off function)	OFF ⇨ 0:30 ⇨ 1:00 ⇨ 1:30 ⇨ 2:00 (hours) After the selected time the TV set switches itself automatically into standby mode.
Green: For Parental Lock (For preventing children from watching programmes which you consider unsuitable)	OFF: Normal setting ON: The TV-channel you are watching is now blocked. In this way you can prevent undesirable broadcasts from appearing on the screen.
Yellow For TV Button Lock	OFF: Normal setting ON: The buttons on the TV do not function anymore. (The Remote Commander still operates)
Blue: For Demo Mode	ON: A sequence of menu pictures is displayed. Press any button on the Remote Commander to stop the function.
White: For Language	The SELECT LANGUAGE screen appears.

Advanced Presetting Functions

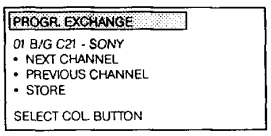
Exchanging Programme Positions

You can exchange the programme positions to a preferred order (example: exchange programme 09 (channel C21) with programme 15 (channel C24).

1 **Press MENU ❼.**
The MENU screen appears (MENU)

2 **Press the yellow button ⓱.**
The PRESET screen appears.

3 **Press the yellow button ⓱.**
The PROGR. EXCHANGE SCREEN appears.



4 **Press the white button ⓱ repeatedly until the desired programme number (09) appears.**

5 **Press the red or the green button ⓱ repeatedly until the desired channel number (C24) appears.**

6 **Press the white button ⓱ to store.**
Now exchange has been completed. Channel C24 is tuned in to programme 09 and channel C21 is tuned in to programme 15.

7 **Press MENU ❼ twice to return to the normal screen.**

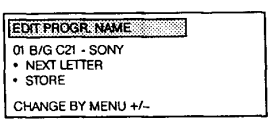
Editing Programme Names

You can edit the programme names up to five letters.

1 **Press MENU ❼**
The MENU screen appears. (MENU)

2 **Press the yellow button ⓱.**
The PRESET screen appears.

3 **Press the blue button ⓱.**
The EDIT PROGR. NAME screen appears.
The first character flashes.



4 Press MENU +/– ⑨ to edit the first letter.
The first letter changes as follows
A ⟷ B ⟷ ... ⟷ Z ⟷ 1 ⟷ ... 9 ⟷ "–" (space).

5 Press the red button ⑰ to move to the next letter.

6 Repeat steps 4 to 5, until the fifth letter is chosen.

7 Press the green button ⑰.
The programme name is stored, and the normal screen appears. To edit another programme name, repeat steps 1 to 7.

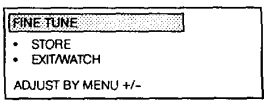
Fine Tuning

You can adjust the receiving conditions by the FINE TUNE function.

1 Press MENU ⑦
The MENU screen appears. (MENU)

2 Press the yellow button ⑰.
The PRESET screen appears.

3 Press the white button ⑰.
The FINE TUNE screen appears.



4 Press MENU +/– ⑨ to adjust the receiving condition.

5 Press the red button ⑰ to store the adjustment, or press the green button ⑰ not to store.
Now the normal screen appears. If you have pressed the green button, the fine tuned condition is cancelled once you choose another programme.

Note: If the FINE TUNE screen disappears automatically before you press the red button ⑰, the fine tuned condition is not stored. Repeat steps 1 to 5.

Tuning in to a Channel Temporarily

You can tune in to a channel temporarily, even when it has not been preset.

1 Press C ⑯ on the Remote Commander.
For cable channels press **C** ⑯ twice. The indication "C" (or "S" for cable channels) appears on the screen.

2 Enter a double digit channel number using the number buttons (e.g. for channel 23, first press 2, then 3).
The channel appears.
However, the channel is not stored.

Teletext Operation (only for KV-25T1)

TV stations broadcast teletext programmes via the TV channels. For basic operation of teletext, use the simple side of the Remote Commander. For the advanced features of teletext, use the buttons indicated in green on the full function side of the Remote Commander.

Basic Teletext Operation

Switching Teletext on and off

1 Select the channel which carries the teletext service you wish to view.

2 Press ⊜ ⓫ to display Teletext.
If no teletext signal is broadcast, the indication P100 is displayed on a black screen.

3 Input three digits for the page number using the number buttons ❹.
The numbers are displayed on the screen and the requested page appears in a few seconds.
Note: If you make a mistake, type in any three digits, then re-enter the correct page number.

4 Press ▢ ❸ to return to the TV mode.

Notes:
• To change the teletext channels. First press ▢ ❸ to return to the TV mode, then repeat steps 1 to 3.
• If the signal of a TV channel is weak, teletext errors may occur.

Advanced Teletext Operation

Using Fastext
With Fastext you can access pages with one button press. When a Fastext page is broadcast, a colour-coded menu will appear at the bottom of the screen. The colours of this menu correspond to the red, green, yellow and blue buttons ❻ on the Remote Commander.
Press the corresponding colour button ❻ on the Remote Commander which corresponds to the colour-coded menu. The page will be displayed in a few seconds.

Requesting the Index page
Press ⊟ ⓱. The Index page appears.

Accessing the next or preceding page
Press ⊟ (PAGE –) or ⊞(PAGE +) ⓲. The next or the preceding page appears on the screen.

Superimposing the teletext display on the TV picture
Press ⊜ ⓫ once if you are in text mode or press ⊜ ⓫ twice if in TV mode.
To return to the normal teletext display press ⊜ ⓫ twice.

Preventing a teletext page from being updated or changed
Press ⊛ (HOLD) ❷. The HOLD symbol (⊛) appears on the screen and the selected subpage is held until you press ⊜ ⓫ to cancel.

Enlarging the teletext display
Press ⊜ ⓭ once to enlarge the upper half. Press twice to enlarge the lower half. Press again to restore the normal display.

Revealing concealed information (e.g. answers to a quiz)
Press ⓡ (REVEAL) ⓮. The information is revealed. Press ⓡ ⓮ again to conceal the information.

Watching TV while waiting for a requested page to be displayed

1 Request a new teletext page.

2 Press ⊠ (TEXT CL) ⓬.
The TV programme is displayed and the symbol ⊜ is displayed at the top of the page.
Note: When the requested page is available the page number is displayed at the top of the screen.

3 Press ⊜ ⓫ to view the page.

To cancel the request
Display the teletext page, then press ⊜ ⓫. The request is now cancelled. Press ▢ ❸ to resume TV mode.

Using the Favourite Page system
You can store up to four of your favourite teletext pages per programme with the help of the Favourite page system. In this way you have quick access to the pages you watch frequently.

Storing the Favourite Pages

1 Select the page you would like to store using the number buttons ❹.

2 Press ⇢ ⓯ twice.
The colour prompts at the bottom of the screen flash.

3 Press any of the colour buttons ❻ on the Remote Commander to store the selected page.
The page is now stored on this button.

Repeat steps 1 to 3 for the other 3 pages available.

Displaying the Favourite pages

1 Press ⇢ ⓯.

2 Press the colour button ❻ corresponding to the colour prompt onto which the desired page is stored.
The page is requested. (It may take a few seconds to be received).

Note: Step 1 must be taken before every favourite page selection otherwise the normal Fastext facility operates.

Using the Time Function in the TV mode
Press ⊙ ⓬ to request the time. Press again to cancel the request.
Note: This function is available only when teletext is broadcast.

Connecting Other Equipment

You can connect optional audio/video equipment to this TV such as VCRs, video disc players, cameras or stereo systems.

Connector	Acceptable input signal	Available output signal
1 K (AV1/RGB)	Audio/video and RGB signal	Audio/video signal from TV Tuner
2/2 H I (AV2)	Audio/video signal	No outputs

To watch a video input picture, press ❷ until the desired video input appears.
To return to the normal TV picture, press ❷ repeatedly or press ❸.
If you have a decoder, connect it to 1 K

Connecting a VCR Using the TV Aerial Terminal

Connect the aerial output of the VCR to the aerial terminal J of the TV. It is recommended to tune in the VCR signal to programme number "0". For details, see "Tuning in to Channels Manually" on page 19.

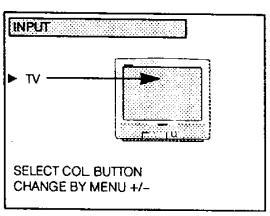
Checking and Selecting the Input Sources Using the Menu

You can display a menu screen to see which input source are selected. You can also change the selecting using this menu.

Checking the Input Sources

1 Press MENU ❼.
The MENU screen appears.

2 Press the blue button ⓱ to select INPUT.
The INPUT screen appears.



Selecting an Input Signal

Press the red button ⓱ to select INPUT. Press MENU +/– ❾ to select the desired input source.
You can select among the following sources:

TV ⟷ AV1 ⟷ RGB ⟷ AV2

Note: Press ❼ twice or wait until the menu display disappears automatically to return to the normal screen.

Remote Control of Other Sony Equipment

You can use the TV Remote Commander to control most Sony remote-controlled video equipment such as: Beta, 8 mm or VHS VCRs or video disc players.

Tuning the Remote Comander to the equipment

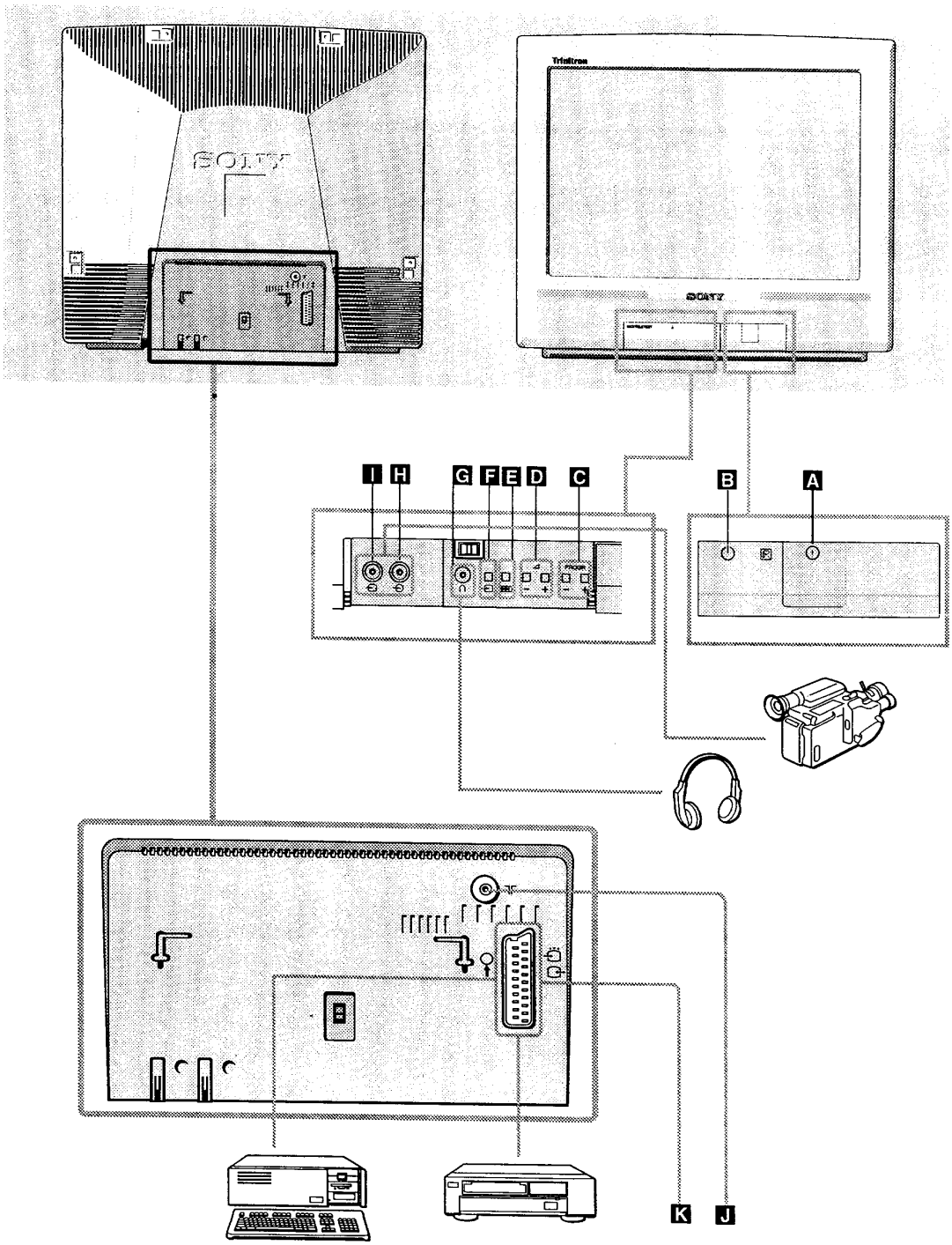
1 Set the VTR 1/2/3 MDP selector ⓴ according to the equipment you want to control:
VTR 1: Beta or VCR
VTR 2: 8mm VCR
VTR 3: VHS VCR
MDP: Video Disc Player

2 Use the buttons ㉑ to operate the additional equipment.

Notes:
• If your video equipment is furnished with a COMMAND MODE selector: set this selector to the same position as the VTR 1/2/3 MCP selector on the TV Remote Commander.
• If the equipment does not have a certain function, the corresponding button on the Remote Commander will not operate
• When you use the ● (record) button, make sure to press this button and the one to the right of it simultaneously.

Using Headphones

You can utilise headphones. Connect them to the headphone jack G, then the sound from the speakers goes off.
Note: You can't control the sound adjustment except for volume.


I
H
G
F
E
D
C
B
A
K
J

For your Information

Troubleshooting

Here are some simple solutions to problems which may affect the picture and sound.

No picture (screen is dark), no sound

- Plug the TV in.
- Press ⏻ A on the TV. (If the standby indicator B is lit, press ▭ 3 or any number button 4 on the Remote Commander.)
- Check if the selected video source is on.
- Turn the TV off for three or four seconds and then turn it on again using ⏻ A.

Poor or no picture (screen is dark), but good sound

- Press MENU 7 to enter the MENU screen, and press the red button 17, then adjust ◑ and ☼.

Good picture but no sound

- Press ◿ + 19.
- If 🔇 is displayed on the screen, press 🔇 1.

No colour for colour programmes

- Press MENU 7 to enter the MENU screen, and press the red button 17, then adjust 23.

Remote Commander does not funcion

- Replace the battery.

If you continue to have problems, have your TV serviced by qualified personnel. Never open the casing yourself.